**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Sine and Cosine – working with the inputs and outputs**

1. Use the Sketchpad sketch to approximate the following values:
   1. 
   2. 
   3. 
   4. 
   5. 
   6. 
   7. 
   8. 
   9. 
   10. 
   11. 
2. Approximateso that the following equations are true.
   1. 
   2. 
   3. 
   4. 
   5. 
   6. 
   7. 
3. Go back to 2a and 2 e. Can you find a second answer for these problems? A third?
4. The GSP sketch only recognizes angles between 0 and , but angles of rotation can be of any size. Figure out where the following angles would be located and use your GSP sketch to approximate the following:
   1. 
   2. 
   3. 
   4. 
   5. 
   6. 
5. Play around with GSP - can you “Trace” theCosine and Sine graphs on GSP?

(hint, the the Plot(x,y) command in the Graph Menu. What needs to be selected to make that work?)